IN3254 Distribution Amplifier

Description

The Extron IN3254 is a high performance RGBHV distribution amplifier. This DA includes one input and four outputs on BNC connectors. It features a two-position gain switch that affects the output level on all RGB channels, and compensates for signal level loss that occurs over long cable runs. There is also a two-position sync level selector.

The IN3254 offers flexible video distribution/line driving capabilities to suit a wide variety of applications including boardrooms, training facilities, home theater, command and control centers, and rental and staging environments.

Mounting

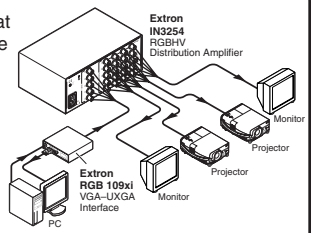
Rack mount the unit using an optional Extron 2U universal rack shelf (Extron part #60-032-01), as follows:

1. Remove rubber feet if they were previously installed on the bottom of the unit.
2. Place the DA on one half of the optional 2U rack shelf. Align the front of the DA with the front of the shelf, and align the thread holes on the bottom of the DA with the holes in the rack shelf.
3. Secure the DA to the rack shelf with the two provided 4-40 x 3/16" machine screws.
4. Fasten the false front panel (provided with the rack shelf) to the unoccupied side of the rack, or install a second half-rack-width device in that side by repeating steps 1 through 3.
5. Secure the rack shelf to the rack using four 10-32 x ¾" bolts. Insert the bolts through #10 beveled washers, then through the holes in the mounting brackets.

Installation and Connections

Installation

1. Turn equipment off and ensure that the source device, the DA, and the output devices are disconnected from the power source.
2. Place or install the unit in the desired location.
3. Connect the video signal source (input) device to the input connector.
4. Connect the output devices to the output connectors.
5. Apply power to the output device, the DA, and the input devices.
6. Turn on the input and output devices.
7. Adjust the gain and peaking as needed.



Rear panel DIP switches

This 2-bank DIP switch allows selection of high and low video gain and sync level.

Video Gain: Flip this switch to high or low while viewing the displayed image to set the level that provides the best picture quality. X1.3 applies gain for long cable runs. X1 eliminates gain for short cable runs.

Sync Level: Flip this switch to adjust the sync portion of the video with the sync signal. HI applies 5 volts peak-to-peak. LOW applies 3 volts peak-to-peak.

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